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**Western Carolina University  
And  
The North Carolina School of Science and Mathematics**

**Articulation Agreement**

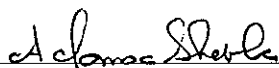
This document, when signed by all parties, serves as a formal agreement between Western Carolina University (hereinafter WCU) and the North Carolina School of Science and Mathematics (hereinafter NCSSM). All conditions of the agreement must be met before students may apply for credit with WCU.


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General Conditions

1. This Articulation Agreement is in perpetuity or until it is cancelled by either educational partner by submitting written notification to the other partner one year prior to the identified cancellation date in order to protect all students from NCSSM that have applied or been admitted to Western Carolina University prior to the cancellation date. In addition, cancellation shall not be applied retroactively, i.e. students who have already received credit for course substitutions would not lose the credit for those substitutions.
2. Amendments to this agreement require approval by both parties.
3. The courses of study subject to this agreement may be expanded from time to time by addendum mutually agreeable to both parties.
4. Faculty employed by NCSSM must meet stated professional credential requirements set forth by the Southern Association of Colleges and Schools which govern the acceptability of course work taught and accepted for transfer credit by colleges and universities.
5. NCSSM must submit a course portfolio to include, but not limited to, examinations and other course documents, for review by WCU annually or upon request.
6. NCSSM will provide an opportunity for WCU faculty to observe course instruction.
7. Students must apply for admission and be admitted to WCU in order to apply for articulated credit as outlined in this agreement.
8. Students will be granted credit based on the course equivalencies and related requirements listed in this agreement. Students will be granted credit only—no grade will be issued. It is required, however, that students have received a grade of B or above in the NCSSM course for which WCU credit is being granted. (Note: grades of B- in NCSSM courses are not acceptable.)
9. Upon acceptance to WCU, students must have their final transcript sent to the Office of Admissions for articulation of the appropriate credits. This should take place before the student registers to eliminate any problems with course credit.

By signature below, Western Carolina University and the North Carolina School of Science and Mathematics affirm that course equivalencies in Appendix I may be articulated as transfer credit beginning in the 2013 Fall Semester, provided that all conditions of this agreement are met. The signature of each Department Head signifies their agreement in Appendix I as it applies to their content area only.

  
Alison Morrison-Shetlar  
Provost, WCU

  
Stephen J. Warshaw  
Vice Chancellor of Academic Programs, NCSSM

APPENDIX I

ARTICULATION AGREEMENT

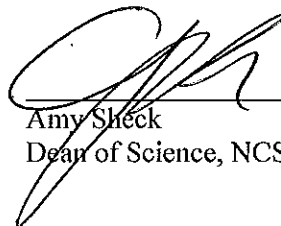
WESTERN CAROLINA UNIVERSITY &  
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BIOLOGY

NCSSM COURSE(S)	CONDITION(S)	WCU COURSE
BI352 (Anatomy and Physiology)	Grade of B or above in each NCSSM Course	BIOL 104 (Human Biology) Credit Hours: 3
BI358 (Classical Genetics)	Grade of B or above in each NCSSM Course	BIOL 102 (Human Genetics) Credit Hours: 3
BI434 (AP Biology (I)) + BI436 (AP Biology (II)) + BI438 (AP Biology (III))	Grade of B or above in each NCSSM Course	BIOL 140 (Principles of Biology I) Credit Hours: 4 + BIO1 141 (Principles of Biology II) Credit Hours: 4

*Sean O'Connell 15 AUG 14*

Sean O'Connell  
Head, Department of Biology, WCU



Amy Sheck  
Dean of Science, NCSSM

*9/15/14*

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**CHEMISTRY**

NCSSM COURSE(S)	CONDITION(S)	WCU COURSE
CH401 (AP Chemistry (I)) + CH402 (AP Chemistry (II))	Grade of B or above in each NCSSM Course	CHEM 139 (General Chemistry I) Credit Hours: 4 + CHEM 140 (Advanced General Chemistry) Credit Hours: 4
CH424 (Chemistry Advanced Online) + CH426 (AP Chemistry Online)	Grade of B or above in each NCSSM Course	CHEM 139 (General Chemistry I) Credit Hours: 4 + CHEM 140 (Advanced General Chemistry) Credit Hours: 4
CH405 (AP Chemistry (Advanced I)) + CH406 (AP Chemistry (Advanced II))	Grade of B or above in each NCSSM Course	CHEM 139 (General Chemistry I) Credit Hours: 4 + CHEM 140 (Advanced General Chemistry) Credit Hours: 4

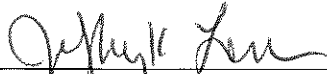
*Cynthia Atterholt* 8/18/14  
 Cynthia Atterholt  
 Head, Department of Chemistry & Physics, WCU

*Amy Sheck* 9/4/14  
 Amy Sheck  
 Dean of Science, NCSSM

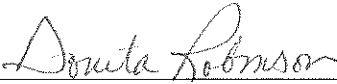
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**MATHEMATICS**

NCSSM COURSE(S)	CONDITION(S)	WCU COURSE
MA305 Precalculus and Modeling	Grade of B or above in each NCSSM Course	MATH 146 (Precalculus) Credit Hours: 4
MA355 Precalculus and Modeling with Advanced Topics	Grade of B or above in each NCSSM Course	MATH 146 (Precalculus) Credit Hours: 4
MA420 (AP Calculus BC (I): Contemporary Calculus) + MA422 (AP Calculus BC (II): Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH 153 (Calculus I) Credit Hours: 4
MA424 (AP Calculus BC III: Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH 255 (Calculus II) Credit Hours: 4
MA430 and MA432 AP Calculus BC (Advanced Topics I and I: Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH 153 (Calculus I) Credit Hours: 4
MA434 (AP Calculus BC (Advanced Topics III): Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH 153 (Calculus I) Credit Hours: 4
MA416/426 AP Calculus AB and BC	Grade of B or above in each NCSSM Course	MATH 255 (Calculus II) Credit Hours: 4
MA480 (Vector Functions and Partial Derivatives) + MA482 (Multiple Integrals and Vector Fields)	Grade of B or above in each NCSSM Course	MATH 256 (Calculus III) Credit Hours: 4
MA 486 Partial Derivatives, Multiple Integrals and Vector Fields	Grade of B or above in each NCSSM Course	MATH 256 (Calculus III) Credit Hours: 4
MA404, MA406 & 408 AP Statistics (I, II & III)	Grade of B or above in each NCSSM Course	MATH 270 (Statistical Methods I) Credit Hours: 3
MA440, MA442 & 444 AP Statistics (Advanced Topics I, II & III)	Grade of B or above in each NCSSM Course	MATH 270 (Statistical Methods I) Credit Hours: 3
MA454 Modeling with Differential Equations	Grade of B or above in each NCSSM Course	MATH 320 (Ordinary Differential Equations) Credit Hours: 3

  
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 Jeff Lawson

Head, Department of Mathematics, WCU


  
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 Donita Robinson

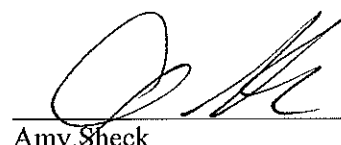
Dean of Mathematics, NCSSM

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**PHYSICS**

NCSSM COURSE(S)	CONDITION(S)	WCU COURSE
PH355 (Physics with Advanced Topics I)	Grade of B or above in each NCSSM Course	PHYS 130 (Introductory Physics I) Credit Hours: 4
PH 404 (AP Physics C:Mechanics) + PH406 (AP Physics C: Mechanics) + PH408 (AP Physics C: Electricity and Magnetism)	Grade of B or above in each NCSSM Course	PHYS 230 (General Physics I) Credit Hours: 4 + PHYS 231 (General Physics II) Credit Hours: 4
PH418 (Astrophysics) + PH420 (Galaxies and Cosmology)	Grade of B or above in each NCSSM Course	AST 104 (Cosmic Evolution) Credit Hours: 3

  
 Cynthia Atterholt  
 Head, Department of Chemistry & Physics, WCU  
 8/18/14

  
 Amy Sheck  
 Dean of Science, NCSSM  
 9/4/14

